

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Crane, III  
Appl No.: Not Assigned  
Filed: Concurrently Herewith  
For: MAIZE RAR1-INTERACTOR POLYNUCLEOTIDES  
AND METHODS OF USE

Confirmation No.: Not Assigned  
Group Art Unit: Not Assigned  
Examiner: Not Assigned

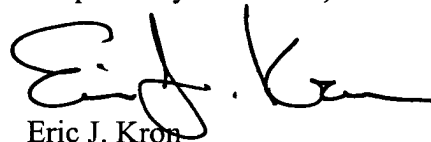
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97

Attached is a list of documents on form PTO-1449. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

All items are attached except those that were supplied in, or cited by the Office during prosecution of, parent Application No. 10/074,473 filed February 12, 2002. Since the benefit of this application was claimed under 35 U.S.C. 120, no copies need to be furnished in accordance with 37 C.F.R. 1.98(d); however, copies will be furnished on request.

Respectfully submitted,



Eric J. Kron  
Registration No. 45,941

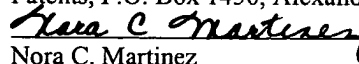
Customer No. 00826  
ALSTON & BIRD LLP  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
Tel Raleigh Office (919) 862-2200  
Fax Raleigh Office (919) 862-2260

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" mailing label number EV185285330US

Date of Deposit June 27, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
Nora C. Martinez

Substitute for form 1449A/PTO  
(Revised 10/2001)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	Not Assigned
Filing Date	Concurrently Herewith (June 27, 2003)
First Named Inventor	Crane III
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	035718/262707(5718-197A)

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	1	LAHAYE, T. et al., "Chromosome Landing at the Barley <i>Rar1</i> Locus," <i>Mol Gen Genet</i> , 1998, pp. 92-101, Vol. 260	
	2	SHIRASU, K. et al., "A Novel Class of Eukaryotic Zinc-Binding Proteins Is Required for Disease Resistance Signaling in Barley and Development in <i>C. elegans</i> ," <i>Cell</i> , November 12, 1999, pp. 355-366, Vol. 99	
	3	SHURASU, K. et al., "A Contiguous 66-kb Barley DNA Sequence Provides Evidence for Reversible Genome Expansion," <i>Genome Research</i> , 2000, pp. 908-915, Vol. 10	
	4	TOYODA, K., et al., "Resistance and Susceptibility of Plants to Fungal Pathogens," <i>Transgenic Research</i> , 2000, pp. 567-582, Vol. 11	
	5	NCBI Report for Accession No. Z11920, Direct Submission on April 10, 1992	
	6	NCBI Report for Accession No. U55859, Direct Submission on April 21, 1996	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (Revised 10/2001)				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Application Number	Not Assigned
				Filing Date	Concurrently Herewith (June 27, 2003)
				First Named Inventor	Crane III
				Group Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	2	of	3	Attorney Docket Number	035718/262707(5718-197A)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	7	NCBI Report for Accession No. AAF18438, Direct Submission October 6, 1999	
	8	NCBI Report for Accession No. AAL33610, Direct Submission October 25, 2001	
	9	NCBI Report for Accession No. AAL33611, Direct Submission October 25, 2001	
	10	NCBI Report for Accession No. AF192467, Direct Submission on October 6, 1999	
	11	NCBI Report for Accession No. AF439974, Direct Submission October 25, 2001	
	12	NCBI Report for Accession No. AF439975, Direct Submission October 25, 2001	
	13	NCBI Report for Accession No. AF439976, Direct Submission October 25, 2001	
	14	NCBI Report for Accession No. AW090936, Direct Submission October 18, 1999	
	15	NCBI Report for Accession No. BAB19060, Direct Submission July 7, 2000	
	16	NCBI Report for Accession No. BI644145, Direct Submission September 11, 2001	
	17	NCBI Report for Accession No. CA401716, Direct Submission November 7, 2002	
	18	BLAST result aligning SEQ ID NO:1 with Accession No. U55859	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO * (Revised 10/2001)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Assigned
				Filing Date	Concurrently Herewith (June 27, 2003)
				First Named Inventor	Crane III
				Group Art Unit	Not Assigned
Examiner Name				Not Assigned	
Sheet	3	of	3	Attorney Docket Number	035718/262707(5718-197A)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	19	BLAST result aligning SEQ ID NO:1 with Accession No. Z11920	
	20	BLAST result aligning SEQ ID NO:2 with Accession No. AF192467	
	21	BLAST result aligning SEQ ID NO:3 with Accession No. AF192467	
	22	BLAST result aligning SEQ ID NO:8 with Accession Nos. AAL33610.1; BAB19060; AAF18438; and AAL33611	
	23	BLAST result aligning SEQ ID NO:7 with Accession Nos. BI644145; AW090936; CA401716; AF439974; AF192467; AF439975; and AF439976	

RTA01/2137059v1

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.